

How to Calibrate an IMU

How do I configure my IMU values?

openINS Sensor Transformation Configuration File

The configuration file that handles the sensor transformations is named `openins_xforms.yml`. To edit the IMU attitude bias values you will need to edit the `imu_sensor:` section.

<Put IMU cal_1 here>

The following conventions are used in the configuration file:

`phi_offset` = Roll Offset

`theta_offset` = Pitch Offset

`psi_offset` = Heading Offset

Note: *It is important to maintain the same spacing in the configuration file. An added space or invalid character will result in errors during the openINS startup.*

Article ID: 63

Source URL: <http://localhost:8888/kb2017/how-calibrate-imu>